

## ABSTRACT

A surgical procedure for replacing a destructured hip joint with an artificial joint is disclosed. The present invention provides a two-incision minimally invasive surgery for total hip arthroplasty. This method comprises positioning of the patient on a lateral decubitus position and a series of surgical techniques including a first skin incision over the anterior side of the trochanteric area of the femur (ranging from 3cm to 10cm), intermuscular dissection between the Gluteus muscle (Gluteus minimus and medius) and Tensor fascia lata muscle, incision of the anterior joint capsule, osteotomy of the femoral neck, removal of the femoral head and neck, acetabular reaming and socket insertion, secondary skin incision over the Gluteus maximus muscle (ranging from 1 cm to 6cm), dissection through the muscle fiber of the Gluteus maximus, intermuscular dissection between the Gluteus medius and Piriformis, partial incision of the joint capsule, femoral reaming, femoral stem insertion, femoral head insertion, joint capsule closure and skin closure.